

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An A-inflation deflation tire valve~~single valve~~, comprising:

a single valve that comprises:

      a seat with an opening; and

      a semi-rigid membrane with one or several openings disposed around a central part of the membrane that has a diameter that is greater than a diameter of the opening in the seat and a thickness of the central part that is substantially the same, and the semi-rigid membranewhich is structured to successively adopt two stable positions such that in a first stable position, a surface of the central part of the membrane sits against the seat to close the opening in the seat;,

      a spring;

      a base;

      a opening; and

      a valve membrane that is structured to adopt two positions such that during deflation the semi-rigid membrane is in the first stable position and the valve membrane is in a first position where the valve membrane is away from the base and not covering the opening, and such that during inflation the semi-rigid membrane is in a second stable position and the valve membrane is in a second position where the valve membrane is held by the spring against the base such that the valve membrane closes the opening.

      wherein the one or several openings in the membrane are disposed around a central part of the membrane;

— wherein the central part of the membrane has a diameter that is greater than a diameter of the opening in the seat and a thickness of the central part is substantially the same; and

— wherein, in a first stable position, a surface of the central part of the membrane sits against the seat to close the opening in the seat.

2. (Currently Amended) The ~~single~~-valve according to Claim 1, wherein the seat and the membrane are assembled such that the membrane in the first stable position prevents a circulation of fluid and in ~~the~~ a second stable position allows the circulation of fluid.

3. (Currently Amended) The ~~single~~-valve according to Claim 2, wherein the membrane is open so as to create a difference in pressure on either side of the single valve during the circulation of fluid.

4. (Currently Amended) The ~~single~~-valve according to Claim 3, wherein the single valve is activated by the difference in pressure upstream and downstream of the single valve.

5. (Currently Amended) The ~~single~~-valve according to Claim 4, wherein the membrane is made of a polymer.

6. (Currently Amended) The ~~single~~-valve according to Claim 4, wherein the membrane is made by stamping a metal sheet.

7. (Currently Amended) The ~~single~~-valve according to Claim 4, wherein the membrane is made by duplicate molding an elastomer onto a metallic core grid.

8-11. (Canceled)

12. (Currently Amended) The ~~single~~-valve according to Claim 1, wherein the one or several openings in the membrane is two or more openings.